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NOTICE OF ALLOWANCE AND FEE(S) DUE

22886

7590

05/16/2008

AFFYMETRIX, INC ATTN: CHIEF IP COUNSEL, LEGAL DEPT. 3420 CENTRAL EXPRESSWAY SANTA CLARA, CA 95051 EXAMINER

SMITH, CAROLYN L

ART UNIT PAPER NUMBER

1631

DATE MAILED: 05/16/2008

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/712,616	11/12/2003	Jing Huang	3533.1	2187	

TITLE OF INVENTION: METHODS FOR IDENTIFYING DNA COPY NUMBER CHANGES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/18/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

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AFFYMETRIX ATTN: CHIEF I 3420 CENTRAI	AL DEPT.		I her State addre trans	eby certify that this Postal Service wessed to the Mail mitted to the USPI	s Fee(s ith suf Stop ΓΟ (57	s) Transmittal is being ficient postage for first ISSUE FEE address a 1) 273-2885, on the da	deposited with the United class mail in an envelope above, or being facsimile te indicated below.	
SANTA CLARA	A, CA 95051							(Depositor's name)
								(Signature)
								(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/712,616	11/12/2003		Jing Huang				3533.1	2187
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nonprovisional	NO	\$1440	\$300		\$0		\$1740	08/18/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS	ss				
SMITH, CA	AROLYN L	1631	702-019000					
Change of corresponde FR 1.363). Change of corresp Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-6 Number is required.	(1) the names of u or agents OR, alter (2) the name of a s registered attorney	of a single firm (having as a member a orney or agent) and the names of up to patent attorneys or agents. If no name is						
PLEASE NOTE: Unl recordation as set fort (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE		data will appear on t T a substitute for filing (B) RESIDENCE: (C	he pa g an a CITY	tent. If an assigne assignment. and STATE OR C	OUNT	TRY)	cument has been filed for
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	COUNSEL, LEGAL D	ART UNIT	PAPER NUMBER		
3420 CENTRAL I SANTA CLARA.		1631			
SANTA CLAKA,	CA 33031	DATE MAILED: 05/16/2008			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 383 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 383 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/712,616	HUANG ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Carolyn L. Smith	1631	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED i 5) or other appropriate comm RIGHTS. This application is	n this application. If not included unication will be mailed in due cour	rse. THIS
1. This communication is responsive to <u>3/13/08</u> .			
2. The allowed claim(s) is/are <u>1-7,10,12-19,21,22,26,27 and</u>	<u>l 29-31</u> .		
 Acknowledgment is made of a claim for foreign priority of a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 4. Copies of the certified copies of the priority documents have 5. Copies of the certified copies of the priority documents have 6. Certified copies of the certified copies of the priority documents have 7. Certified copies not received: 	ve been received. ve been received in Applicati	on No	from the
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	MENT of this application.		
 A SUBSTITUTE OATH OR DECLARATION must be sub- INFORMAL PATENT APPLICATION (PTO-152) which given 			CE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	ust be submitted.		
(a) ☐ including changes required by the Notice of Draftspe	rson's Patent Drawing Revie	w (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	r's Amendment / Comment o	r in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			k) of
 DEPOSIT OF and/or INFORMATION about the dep- attached Examiner's comment regarding REQUIREMENT 			the
Attachment(s)	- -		
1. Notice of References Cited (PTO-892)	_	formal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	Paper No.	ummary (PTO-413), /Mail Date	
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 	7. ∐ Examiner's	Amendment/Comment	
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛛 Examiner's	Statement of Reasons for Allowan	ce
	9. 🔲 Other	<u>.</u>	
	/Carolyn L Smith/ Primary Examiner May 13, 2008		

APPLICANTS' ARGUMENTS

Amended claims 26 and 30, filed 3/13/08, are acknowledged. Applicants' arguments and

amendments, filed 3/13/08, have been fully considered and are persuasive. The species election

is hereby withdrawn. All of the previous rejections and objections have been withdrawn.

The drawings, filed 11/12/03, are accepted by the Examiner.

REASONS FOR ALLOWANCE:

The following is an examiner's statement of reasons for allowance:

The invention is directed to a method and computer software product for estimating the

copy number of a genomic region in an experimental sample. The prior art does not disclose the

method and computer software product as they are claimed in the instant invention. The 35 USC

101 rejection, mailed 12/13/07, was removed due to claim amendments, filed 3/13/08, that add a

limitation reciting a concrete, tangible, and useful result. Because no outstanding rejections

remain, the claimed invention is deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Application/Control Number: 10/712,616 Page 3

Art Unit: 1631

EXAMINER INFORMATION

Papers related to this application may be submitted to Technical Center 1600 by facsimile

transmission. Papers should be faxed to Technical Center 1600 via the PTO Fax Center. The

faxing of such papers must conform with the notices published in the Official Gazette, 1096 OG

30 (November 15, 1988), 1156 OG 61 (November 16, 1993), and 1157 OG 94 (December 28,

1993) (See 37 CFR §1.6(d)). The Central Fax Center number for official correspondence is

(571) 273-8300.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Carolyn Smith, whose telephone number is (571) 272-0721. The

examiner can normally be reached Monday through Thursday from 8 A.M. to 6:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Marjorie Moran, can be reached on (571) 272-0720.

May 13, 2008

/Carolyn Smith/ Primary Examiner

AU 1631